

REMARKS

Reconsideration is respectfully requested.

Responsive to paragraph 1 of the office action, page 1 of the specification has been amended to identify U.S. Patent No. 6,828,909 in the application cross-reference section.

Responsive to paragraph 2 of the office action, the paragraphs respectively spanning page 44, line 6, page 51, line 7, page 51, lines 12-14, page 59, line 22, page 62, line 21, page 65, line 17 and page 68, line 14, have been amended to correct the enumerated deficiencies.

Responsive to paragraph 3 of the office action, Fig. 23 of the drawings has been amended to change reference numeral "408" to "404." A replacement sheet and an annotated sheet showing changes are enclosed herewith.

Responsive to paragraph 4 of the office action, claims 1 and 14 have been amended to add the word "of" and claim 16 has been corrected by amending it to depend from claim 15.

Responsive to paragraphs 5-6 of the office action, claim 2 (along with claim 3) has been cancelled and claim 5 has been rewritten in independent form. Thus, there is no longer any issue of a claim covering a combination of a gyroscope sensor and an accelerometer sensor.

Responsive to paragraphs 7/8 of the office action, claim 1 has been amended to recite a sensor in a vacuum environment per the concept of objected to claim 7. Claim 14 has been amended to incorporate the limitations of objected to claim 17 and claim 17 has been cancelled.

Responsive to paragraph 7/9 of the office action, claim 1 has been amended to recite a sensor in a vacuum environment per the concept of objected to claim 7. Claims 2-3 and 11-13 have been cancelled.

Responsive to paragraphs 7/10 of the office action, claims 11-13 have been cancelled.

Responsive to paragraphs 7/11 of the office action, claim 21 has been amended to incorporate the limitations of objected to claim 23 and claim 23 has been cancelled.


Responsive to paragraph 12/13 of the office action, claim 4 depends from claim 1 which has been amended to recite a sensor in a vacuum environment per the concept of objected to claim 7.

No new fees are due insofar as the addition of new independent claim 5 is offset by the cancellation of independent claim 11.

A supplemental IDS is enclosed to make of record art cited in a corresponding PCT application on January 12, 2005. No fees are due insofar as the search report was received within the last three months.

Applicant directs attention to the **CHANGE OF CORRESPONDENCE ADDRESS** form enclosed herewith, and requests that his undersigned representative's new address information be entered into the file wrapper.

Respectfully submitted,



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ANNOTATED SHEET SHOWING CHANGES

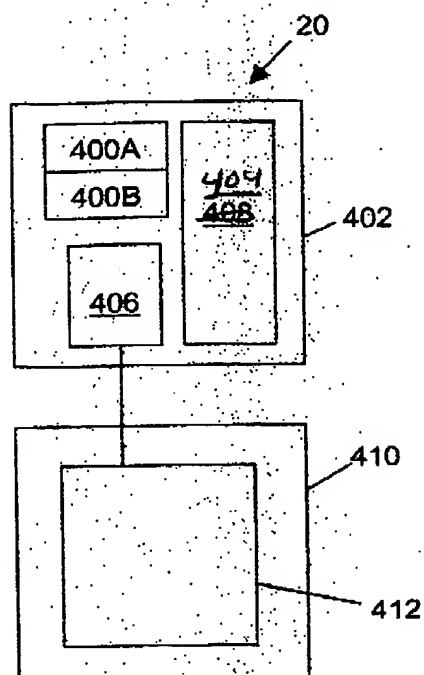


FIG. 23

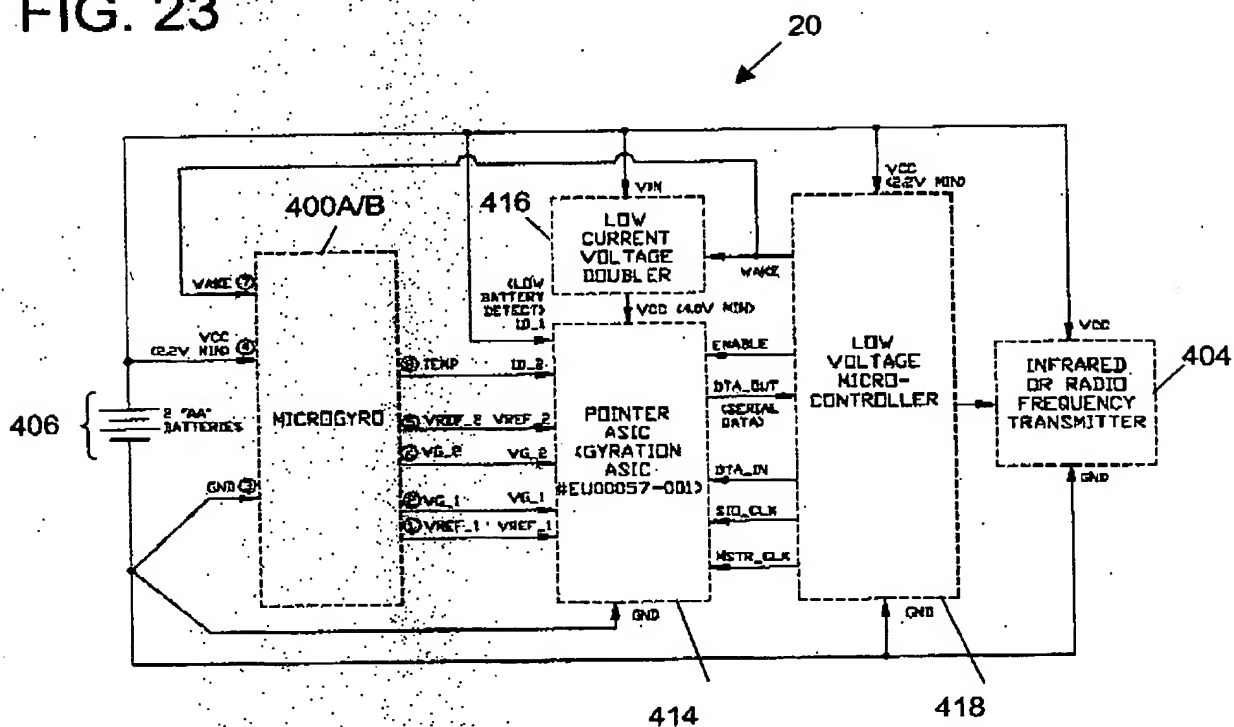


FIG. 24